

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

## Applicant

Peter A.J. van der Made

## Filing Date

June 19, 2001

## Group Art Unit

Not Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RG	4,400,769	08-23-83	Kaneda, et al.	710	267	
RG	5,398,196	03-14-95	Chambers	714	<del>267</del> 28	
RG	5,440,723	08-08-95	Arnold, et al.	714	2	
RG	5,675,711	10-07-97	Kephart, et al.	706	12	
RG	5,696,822	12-09-97	Nachenberg	726	24	
RG	5,774,727	06-30-98	Walsh, et al.	717	150	
RG	5,864,803	01-26-99	Nussbaum	704	232	
RG	5,872,978	02-16-99	Hoskins	717	158	
RG	5,907,834	05-25-99	Kephart, et al.	706	20	
RG	6,092,194	07-18-00	Touboul	726	24	
RG	6,118,940	09-12-00	Alexander, III, et al.	717	127	
RG	6,154,844	11-28-00	Touboul, et al.	726	24	
RG	6,167,520	12-26-00	Touboul	726	23	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
RG	WO 99/15966	04-01-99	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RG	Frans Veldman, "Heuristic Anti-Virus Technology," Proceedings, 3 <sup>rd</sup> International Virus Bulletin Conference, pp. 67-76, September 1993.
RG	Symantec, "Understanding Heuristics: Symantec's Bloodhound Technology, Symantec White Paper Series, Vol. XXXIV, pp. 1-14, September 1997.
RG	Carey Stover Nachenberg, "A New Technique for Detecting Polymorphic Computer Viruses," A thesis submitted in partial satisfaction of the requirements for the degree Master of Science in Computer Science, University of California Los Angeles, pp. 1-127, 1995.

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DATE CONSIDERED

7/20/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449		Docket Number (Optional) 81924.0002	Application Number 09/885,427
<b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)		Applicant Peter A.J. van der Made	
		Filing Date June 19, 2001	Group Art Unit 2122

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EC	5,398,196	03-14-95	Chambers	714	28	
EC	5,842,002	11-24-98	Schnurer, et al.	703	21	
EC	6,275,938	08-14-01	Bond, et al.	726	23	
EC	6,357,008	3-12-02	Nachenberg	726	24	

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### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER <i>J. Gull</i>	DATE CONSIDERED <i>7/20/2006</i>
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INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Peter A.J. van der Made

Filing Date

June 19, 2001

Group Art Unit

2122

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EG	5,854,916	12-29-98	Nachenberg	703	21	
EG	6,067,410	05-23-00	Nachenberg	703	28	

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	International Search Report for PCT/US01/26804	03-06-02	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EG	Andrew P. Kosoresow, et al., "Intrusion Detection Via System Call Traces," IEEE Software, pp. 35-42, September/October 1997.

EXAMINER

R. G. Gull

DATE CONSIDERED

7/20/2006

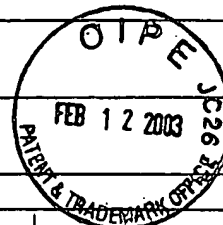
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FORM PTO-1449, Adapted

# LIST OF INFORMATION DISCLOSED BY APPLICANT

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ATTY. DOCKET NO. 05456.105039	SERIAL NO. 09/885,427	FILING DATE June 19, 2001
APPLICANT Peter A.J. van der Made		GROUP 2122



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RG	AA 5,590,331	12/31/96	Lewis et al.	717	144	
RG	AB 5,964,889	10/12/99	Nachenberg	714	25	
RG	AC 5,765,030	06/09/98	Nachenberg et al.	714	33	
RG	AD 5,826,013	10/20/98	Nachenberg	726	22	
RG	AE 6,199,181	03/06/01	Rechef et al.	714	38	
RG	AF 5,121,345	06/09/92	Lentz	713	188	
RG	AG 5,623,600	04/22/97	Ji et al.	726	24	
RG	AH 5,649,095	07/15/97	Cozza	714	39	
RG	AI 5,978,917	11/02/99	Chi	726	22	
RG	AJ 5,983,348	11/09/99	Ji	726	13	
RG	AK 6,029,256	02/22/00	Kouznetsov	714	38	

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## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
AL 0 636 977 A2	02/01/95	Europe	David Alan Chambers	
AM WO 99/15966	04/01/99	PCT		
AN				
AO				

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

RG	AP	"INFO: Visual Basic Supports P-Code and Native Code Compilation (Q229415)," found at <a href="http://support.microsoft.com/support/kb/articles/Q229/4/15.ASP">http://support.microsoft.com/support/kb/articles/Q229/4/15.ASP</a> , April 28, 1999, pp. 1-2.
RG	AR	"Microsoft P-Code Technology," <a href="http://msdn.microsoft.com/archive/default.asp?url=/archive/en-us/dnarvc/html/msdn_c7pcode2.asp">http://msdn.microsoft.com/archive/default.asp?url=/archive/en-us/dnarvc/html/msdn_c7pcode2.asp</a> , pp. 1-6, April 1992.
RG	AS	"DJGPP COFF Spec," <a href="http://delorie.com/digpp/doc/coff/">http://delorie.com/digpp/doc/coff/</a> , pp. 1-15, October 1996.
RG	AT	Natvig, Kurt, "Sandbox Technology Inside AV Scanners," Virus Bulletin Conference, September 2001, pp. 475-488.

EXAMINER DATE CONSIDERED

R. G. Miller

7/26/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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09/885,427

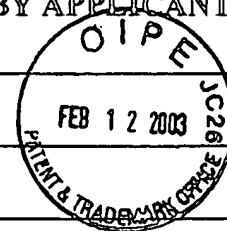
June 19, 2001

APPLICANT

GROUP

Peter A.J. van der Made

2122



## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PG	BA	6,081,894	06/27/00	Mann	713	188	
PG	BB	6,094,731	07/25/00	Waldin et al.	714	38	
PG	BC	6,108,799	08/22/00	Boulay et al.	714	38	
PG	BD	6,119,165	09/12/00	Li et al.	709	229	
PG	BE	6,122,738	09/19/00	Millard	713	187	
PG	BF	6,272,641	08/07/01	Ji	726	24	
PG	BG	6,324,627	11/27/01	Kricheff et al.	711	163	
PG	BH	6,338,141	01/08/02	Wells	726		
PG	BI	6,397,242	05/28/02	Devine et al.	718		
PG	BJ	4,975,950	12/04/90	Lentz	726		
	BK						

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## **FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
	BL					
	BM					
	BN					
	BO					

## **OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

PG	BP	"Norman introduces a new technique for eliminating new computer viruses," found on Norman's website, file://C:\Documents%20and%20Settings\7489\Local%20Settings\Temporary%20Internet%20Files\OLK, pp. 1-2, published October 25, 2001, printed from website December 27, 2002.
PG	BR	Lee et al., "A Generic Virus Detection Agent on the Internet," System Sciences, 1997, Proceedings of the Thirtieth Hawaii International Conference on Wailea, HI, January 7-10, 1997, pp. 210-219, #XP010271868.
PG	BS	International Search Report for PCT/US01/19142, international filing date June 14, 2001, mailing date January 17, 2003.
	BT	

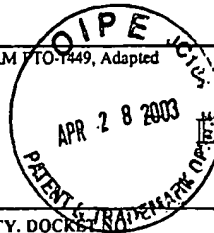
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ATTY. DOCKET NO.		SERIAL NO.	FILING DATE				
05456.105039		09/885,427	June 19, 2001				
APPLICANT			GROUP				
Peter A.J. van der Made			2122				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RG	AA	5,857,191	01/05/99	Blackwell, Jr. et al.	707	16	RECEIVED
RG	AB	6,035,423	03/07/00	Hodges et al.	714	38	APR 30 2003
RG	AC	5,586,260	12/17/96	Hu	726	12	Technology Center 2100
RG	AD	5,623,601	04/22/97	Vu	726	12	
RG	AE	5,764,887	06/09/98	Kells et al.	726	14	
RG	AF	5,787,177	07/28/98	Leppek	713	164	
RG	AG	5,796,942	08/18/98	Esbensen	726	13	
RG	AH	5,798,706	08/25/98	Kraemer et al.	726	3	
RG	AI	5,815,574	09/29/98	Fortinsky	713	153	
RG	AJ	5,828,833	10/27/98	Belville et al.	726	11	
RG	AK	5,832,208	11/03/98	Chen et al.	726	24	
RG	AL	5,832,211	11/03/98	Blakley, III et al.	726	6	
RG	AM	5,838,903	11/17/98	Blakely, III et al.	726	5	
RG	AN	5,864,665	01/26/99	Tran	726	10	
RG	AN	5,875,296	02/23/99	Shi et al.	726	5	
RG	AO	5,983,270	11/09/99	Abraham et al.	709	224	
RG	AP	5,987,606	11/16/99	Cirasole et al.	726	11	
RG	AQ	5,987,611	11/16/99	Freund	726	4	
RG	AR	6,088,803	07/11/00	Tso et al.	726	22	
RG	AS	6,098,173	08/01/00	Elgressy et al.	726	17	

FORM PTO-1449, Adapted

APR 28 2003

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ATTY. DOCKET NO. 05456.105039	SERIAL NO. 09/885,427	FILING DATE June 19, 2001
APPLICANT Peter A.J. van der Made		GROUP 2122

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
26	BA	6,119,234	09/12/00	Aziz et al.	726	11	
26	BB	5,606,668	02/25/97	Shwed	726	13	
26	BC	5,835,726	11/10/98	Shwed et al.	709	229	APR 30 2003
26	BD	5,884,033	03/16/99	Duvall et al.	709	206	Technology Center 2100
26	BE	5,964,839	10/12/99	Johnson et al.	709	224	
26	BF	6,041,347	03/21/00	Harsham et al.	709	220	
26	BG	6,061,795	05/09/00	Dircks et al.	726	4	
26	BH	6,085,224	07/04/00	Wagner	709	203	
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FORM PT 449, Adapted

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## LIST OF INFORMATION DISCLOSED BY APPLICANT

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PT. DOCKET NO. 05456.105039	SERIAL NO. 09/885,427	FILING DATE June 19, 2001
APPLICANT Peter A.J. van der Made	GROUP 2122	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RC	AA	5,345,595	09/06/94	Johnson et al.	455	410	
RC	AB	6,266,774	07/24/01	Sampath et al.	726	24	
RC	AC	6,026,442	02/15/00	Lewis et al.	709	229	
RC	AD	6,016,553	01/18/00	Schneider et al.	714	21	
RC	AE	6,014,645	01/11/00	Cunningham	705	38	
RC	AF	5,881,236	03/09/99	Dickey	769	221	
RC	AG	5,764,890	06/09/98	Glasser et al.	726	11	
RC	AH	5,630,061	05/13/97	Richter et al.	709	227	
RC	AI	5,414,833	05/09/95	Hershey et al.	726	22	
RC	AJ	4,819,234	04/04/89	Huber	717	129	
RC	AK	5,950,012	09/07/99	Shiell et al.	717	169	
RC	AL	5,278,901	01/11/94	Shieh et al.	726	22	
RC	AM	6,405,318	06/11/02	Rowland	726	22	
RC	AN	5,475,839	12/12/95	Watson et al.	713	2	
RC	AO	5,761,504	06/02/98	Corrigan et al.	713	2	
RC	AP	5,359,659	10/25/94	Rosenthal	726	24	

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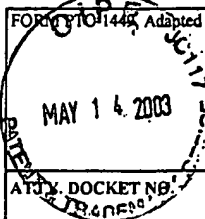
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	BA	5,452,442	09/19/95	Kephart	714	38	
RL	BB	5,511,184	04/23/96	Lin	710	261	
RL	BC	5,822,517	10/13/98	Dotan	726	22	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.	
RL	BD	WO 01/84285	11/08/01	PCT	Internet Security Systems, Inc.		
RL	BE	WO 02/06928	01/24/02	PCT	vCIS, Inc.		
RL	BF	WO 00/54458	09/14/00	PCT	Psionic Software, Inc.		
RL	BG	WO 02/056152	07/18/02	PCT	Psionic Software, Inc.		
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	BJ						
	BK						
	BL						
	BM						
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

RL	BP	Gong, Li, "Java™ Security Architecture (JDK1.2)," October 2, 1998, Sun Microsystems, Inc., Version 1.0, pp. i-iv, 1-62.
RL	BQ	"Softworks Limited VBVM Whitepaper," [online] 11/3/98 [accessed 3/19/2003], Retrieved from Internet <URL: <a href="http://web.archive.org/web/19981203105455/http://softworks1td.com/vbvm.html">http://web.archive.org/web/19981203105455/http://softworks1td.com/vbvm.html</a> >, pp. 1-4.
RL	BR	Kephart, "A Biologically Inspired Immune System for Computers," Artificial Life, IV, 1994, pp. 130-139.
	BS	

EXAMINER R. G. 00	DATE CONSIDERED 7/26/2006
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